

Bibliography of analytical food, nutritional and clinical methods

(Three weeks journals - Search completed at 26th July 1994)

1 BOOKS, REVIEWS & SYMPOSIA

Caroli S, Alimonti A, Coni E, Petrucci F, Senofonte O, Violante N// Ist Super Sanita, I-00161 Rome, Italy
Crit Rev Anal Chem 1994 24 (5-6) 363
 The assessment of reference values for elements in human biological tissues and fluids: A systematic review

2 GENERAL

Lagoudaki M, Demertzis PG*// *Univ Ioannina, Dept Chem, Food Chem Lab, GR-45100 Ioannina, Greece
J Sci Food Agr 1994 65 (1) 101
 Equilibrium moisture characteristics of dehydrated food constituents as studied by a modified inverse gas chromatographic method.

3 AMINO ACIDS, PROTEINS & ENZYMES

Acedo MI, Pueyo E, Polo MC*// *Univ Extremadura, Fac Ciencias, Dept Quim Anal, E-06071 Badajoz, Spain
Amer J Enol Viticul 1994 45 (2) 167
 Preliminary studies on peptides in wine by HPLC
 Hefle SL, Bush RK*, Yunginger JW, Chu FS// *Univ Wisconsin, Dept Med, Madison, WI 53706, USA
J Food Protect 1994 57 (5) 419
 A sandwich enzyme-linked immunosorbent assay (ELISA) for the quantitation of selected peanut proteins in foods
 Hristov A, Broderick GA*// *US ARS, US Dairy Forage Res Ctr, Madison, WI 53706, USA
J Anim Sci 1994 72 (5) 1344
 In vitro determination of ruminal protein degradability using ¹⁵N-ammonia to correct for microbial nitrogen uptake
 McDonald CE// Nth Dakota State Univ, Dept Cereal Sci, Fargo, ND 58105, USA
Cereal Food World 1994 39 (5) 403
 Collaborative study on wet gluten and gluten index determinations for wheat flour or meal (AACC Method 38-12)
 Wagemann R, Dick JG, Klaverkamp JF// Fisheries & Oceans Canada, Inst Freshwater, Cent & Arctic Reg, 501 Univ Crescent, Winnipeg, Manitoba, Canada R3T 2N6
Int J Environ Anal Chem 1993 54 (2) 147
 Metallothionein estimates in marine mammal and fish tissues by 3 methods: ²⁰³Hg displacement, polarography and metal-summation

4 CARBOHYDRATES

Ben-Ghedalia D, Yosef E, Solomon R, Miron J, Huttermann A, Majherczyk A, Milstein O// Agr Res Org, Volcani Ctr, Inst Anim Sci, Metab Unit, IL-50250 Bet Dagan, Israel
J Agr Food Chem 1994 42 (5) 1160
 Size exclusion chromatography of cotton stalk lignins isolated from rumen digesta and feces of sheep
 Kasemswan T, Jane J*// *Iowa State Univ Sci & Technol, Dept Food Sci & Nutr, Ames, IA 50011, USA
Cereal Chem 1994 71 (3) 282
 Location of amylose in normal starch granules. II. Locations of phosphodiester cross-linking revealed by ³¹P nuclear magnetic resonance
 Li BW, Cardozo MS// USDA ARS, Beltsville Agr Res Ctr, Nutrient Composit Lab, Beltsville, Md 20705, USA
J AOAC Int 1994 77 (3) 687

As a service to subscribers of Food Chemistry, this bibliography contains newly published material in the field of analytical food chemistry. The bibliography is divided into fourteen sections: 1 Books, Reviews & Symposia; 2 General; 3 Amino Acids, Proteins & Enzymes; 4 Carbohydrates; 5 Lipids; 6 Vitamins & Co-factors; 7 Trace Elements & Minerals; 8 Drug, Biocide & Processing Residues; 9 Toxins; 10 Additives; 11 Flavours & Aromas; 12 Organic Acids; 13 Animal Products; 14 Plant & Microbial Products. Within each section, articles are listed in alphabetical order with respect to the author. Where there are no papers to appear under a heading, it will be omitted.

Determination of total dietary fiber in foods and products with little or no starch, nonenzymatic gravimetric method: Collaborative study

Liu SQ, Davis CR// Massey Univ, Dept Microbiol & Genet, Palmerston North, New Zealand

Amer J Enol Viticul 1994 45 (2) 229

Analysis of wine carbohydrates using capillary gas liquid chromatography

Ohsumi C, Hayashi T*// *Kyoto Univ, Wood Res Inst, Uji, Kyoto 611, Japan

Biosci Biotechnol Biochem 1994 58 (5) 959

Carbohydrate analysis of an interspecific hybrid between onion and garlic

Prosky L, Asp NG, Schweizer TF, DeVries JW, Furda I, Lee SG// US FDA, Ctr Food Safety & Appl Nutr, Laurel, Md 20708, USA

J AOAC Int 1994 77 (3) 690

Determination of soluble dietary fiber in foods and food products: Collaborative study

Theander O, Aman P, Westerlund E, Graham H// Swedish Univ Agr Sci, Dept Chem, S-75007 Uppsala, Sweden

J AOAC Int 1994 77 (3) 703

Enzymatic chemical analysis of dietary fiber

Villareal CP, De la Cruz NM, Juliano BO// Univ Philippines, Inst Chem, Los Baños 3720, Philippines

Cereal Chem 1994 71 (3) 292

Rice amylose analysis by near-infrared transmittance spectroscopy

Wood PJ, Weisz J, Blackwell BA// Agr Canada, Ctr Food & Anim Res, Ottawa, Ontario, Canada

Cereal Chem 1994 71 (3) 301

Structural studies of (1→3),(1→4)- β -D-glucans by ¹³C-nuclear magnetic resonance spectroscopy and by rapid analysis of cellulose-like regions using high-performance anion-exchange chromatography of oligosaccharides released by lichenase

5 LIPIDS

Abe A, Yoshimura Y, Sekine T, Maeda S, Yamashita S, Noma A*// *Gifu Univ, Sch Med, Dept Lab Med, 40 Tsukasa machi, Gifu 500, Japan

Clin Chim Acta 1994 225 (2) 105

Fully mechanized latex immunoassay for serum lipoprotein(a)

Beljaars PR, Van Dijk R, Houwen-Claasen AAM// Inspectorate Hlth Protect, Food Inspect Serv, POB 2516, 6201 CA Maastricht, The Netherlands

J AOAC Int 1994 77 (3) 667

Determination of polymerized triglycerides in frying fats and oils by gel permeation chromatography: Interlaboratory study

Cobbaert C, Boerma GJM, Lindmans J// Univ Hosp Dijkzigt, Dept Clin Chem, Lipid Reference Lab, Dr Molewaterplein 40, 3015 GD Rotterdam, The Netherlands

Eur J Clin Chem Clin Biochem 1994 32 (5) 391

Evaluation of the Cholestech-LDX desktop analyser for cholesterol, HDL-cholesterol, and triacylglycerols in heparinized venous blood

Cocito C, Delfini C*// *Ist Sperimentale Enol, Microbiol Sect, via P Micca 35, I-14100 Asti, Italy

Food Chem 1994 50 (3) 297

Simultaneous determination by GC of free and combined fatty acids and sterols in grape musts and yeasts as silanized compounds

Eugene M, Thuillier F, Le Moyez L, Messing B// Hop St Louis, IGM, RMN Lab, 27 rue Juliette Dodu, F-75010 Paris, France

Clin Biochem 1994 27 (3) 191

Proton NMR analysis of fecal lipids in gastroenterological patients

Firestone D// US FDA, Div Pesticide & Ind Chem, 200 C St SW, Washington, DC 20204, USA

J AOAC Int 1994 77 (3) 674

Determination of the iodine value of oils and fats: Summary of collaborative study

Firestone D// US FDA, Div Pesticide & Ind Chem, 200 C St SW, Washington,

- DC 20204, USA
J AOAC Int 1994 **77** (3) 677
 Gas chromatographic determination of monoglycerides and diglycerides in fats and oils: Summary of collaborative study
- Lai YW, Kemsley EK, Wilson RH// *AFRC Inst Food Res, Norwich Lab, Norwich Res Pk, Norwich NR4 7UA, England
J Agr Food Chem 1994 **42** (5) 1154
 Potential of Fourier transform-infrared spectroscopy for the authentication of vegetable oils
- Lin SW, Lam NW// Palm Oil Res Inst Malaysia, No 6 Persiaran Inst, 43650 Bandar Baru Bangi, POB 10620, Kuala Lumpur 50720, Malaysia
J Chromatogr Sci 1994 **32** (5) 185
 Analysis of lipids in palm oil by on-column capillary gas-liquid chromatography
- Linnet K// Rigshosp, Dept Clin Biochem, Skovagervej 2, DK-8240 Risskov, Denmark
Clin Biochem 1994 **27** (3) 177
 An HPLC-GC/MS reference method for serum total cholesterol with control for ester hydrolysis
- Robert B, Grandhomme M, Mainard F*, Madec Y// *Fac Pharm Nantes, Serv Biochim Pharmaceut, I rue Gaston Veil, F-44035 Nantes, France
Clin Chim Acta 1994 **225** (2) 195
 Effect of storage of sera and apolipoprotein(a) phenotypes on detection of lipoprotein(a) by a new agarose gel
- Tyree EL// Univ Vermont, Dept Bot, Burlington, Vt 05405, USA
Can J Bot 1994 **72** (4) 499
 Phytolith analysis of olive oil and wine sediments for possible identification in archaeology
- Vallance H, Applegarth D// British Columbia Childrens Hosp, Biochem Dis Lab, Vancouver, Brit Columbia, Canada V6H 3V4
Clin Biochem 1994 **27** (3) 183
 An improved method for quantification of very long chain fatty acids in plasma
- ## 6 VITAMINS & CO-FACTORS
- Barna E, Dworschak E// Natl Inst Food Hyg & Nutr, Dept Food Chem, Gyali ut 3A, H-1097 Budapest, Hungary
J Chromatogr A 1994 **668** (2) 359
 Determination of thiamine (vitamin B₁) and riboflavin (vitamin B₂) in meat and liver by high-performance liquid chromatography
- Biacs PA, Daood HG// Cent Food Res Inst, Hermann Otto ut 15, H-1022 Budapest, Hungary
J Plant Physiol 1994 **143** (4-5) 520
 High-performance liquid chromatography with photodiode-array detection of carotenoids and carotenoid esters in fruits and vegetables
- Blanco CC, Carretero AS, Gutierrez AF, Ceba MR// Univ Granada, Fac Sci, Dept Analyt Chem, E-18071 Granada, Spain
Anal Lett 1994 **27** (7) 1339
 Fluorometric determination of folic acid based on its reaction with the fluorogenic reagent fluorescamine
- Bui MH// Univ Lausanne, Inst Biochem, Swiss Vitamin Inst, Boveresses 155, CH-1066 Epalinges, Switzerland
J Chromatogr B-Bio Med Appl 1994 **654** (1) 129
 Simple determination of retinol, α-tocopherol and carotenoids (lutein, all-trans-lycopene, α-carotene and β-carotene) in human plasma by isocratic liquid chromatography
- Hagg M// Agr Res Ctr Finland, Cent Lab, SF-31600 Jokioinen, Finland
J AOAC Int 1994 **77** (3) 681
 Effect of various commercially available enzymes in the liquid chromatographic determination with external standardization of thiamine and riboflavin in foods
- Iwase H, Ono I// Ajinomoto Co Inc, Cent Res Labs, Kawasaki ku, 1-1 Suzuki cho, Kawasaki, Kanagawa 210, Japan
J Chromatogr B-Bio Med Appl 1994 **655** (2) 195
 Determination of ascorbic acid in human plasma by high-performance liquid chromatography with electrochemical detection using a hydroxyapatite cartridge for precolumn deproteinization
- Jensen SK// Natl Inst Anim Sci, Res Ctr Foulum, Dept Anim Physiol & Biochem, DK-8830 Tjele, Denmark
J Dairy Res 1994 **61** (2) 233
 Retinol determination in milk by HPLC and fluorescence detection
- Manoharan M, Schwille PO// *Univ Hosp Erlangen, Dept Surg, Mineral Metab & Endocrine Res Lab, Postfach 3560, D-91023 Erlangen, FRG
J Chromatogr B-Bio Med Appl 1994 **654** (1) 134
 Measurement of ascorbic acid in human plasma and urine by high-performance liquid chromatography results in healthy subjects and patients with idiopathic calcium urolithiasis
- Sakaki K, Shinbo T, Kawamura M// Natl Inst Mat & Chem Res, Tsukuba, Ibaraki 305, Japan
J Chromatogr Sci 1994 **32** (5) 172
 Retention behavior of β-carotene on polar and nonpolar stationary phases in supercritical fluid chromatography
- Wongyai S// Ragsit Univ, Fac Pharm, Phanolyothin Rd, Phatum Thani 12000, Thailand
Chromatographia 1994 **38** (9-10) 609
 Separation of L-(+)-ascorbic and D-(+)-isoascorbic acids on multimodal phenyl-propanolamine-coated silica
- ## 7 TRACE ELEMENTS & MINERALS
- Al-Hashimi A// Univ Toronto, Dept Chem Engn & Appl Chem, Toronto, Ontario, Canada M5S 1A4
J Radioanal Nucl Chem Art 1994 **179** (2) 357
 Trace elements in hair of new born by INAA
- Arshed W, Akanle OA, Spyrou NM// Univ Surrey, Dept Phys, Guildford GU2 5XH, Surrey, England
J Radioanal Nucl Chem Art 1994 **179** (2) 349
 The distribution of fluorine and other elements in teeth using proton induced reaction analysis techniques
- Asckett CK, Spate VL, Mason MM, Reams CL, Morris JS// Univ Missouri, Ctr Res Reactor, Columbia, Mo 65211, USA
J Radioanal Nucl Chem Art 1994 **179** (2) 323
 The determination of selenium in urine
- Corradini F, Marcheselli L, Marchetti A, Petri C*, Biancardi C// *Univ Modena, Dept Chem, via G Campi 183, I-41100 Modena, Italy
J AOAC Int 1994 **77** (3) 714
 Analysis of heavy metals in *Aceto Balsamico Tradizionale di Modena* by flame atomic absorption spectroscopy
- De Blas OJ, Rodriguez RS, Mendez JH, Tomero JAS, Gomes BD, Gonzalez SV// Univ Salamanca, Fac Chem, Dept Analyt Chem, E-37008 Salamanca, Spain
J AOAC Int 1994 **77** (3) 722
 Determination of zinc in serum, blood, and ultrafiltrate fluid from patients on hemofiltration by graphite furnace atomic absorption spectroscopy or flow injection analysis atomic absorption spectroscopy
- Dolan SP// US FDA, Elemental Res Branch, 200 C St SW, Washington, DC 20204, USA
J AOAC Int 1994 **77** (3) 718
 Rapid abrasion test to indicate lead on the surface of ceramicware
- Guinn VP, Gavrilas-Guinn M, Demirpal R// Univ Maryland, Dept Mat & Nucl Engn, Coll Pk, Md 20742, USA
J Radioanal Nucl Chem Art 1994 **179** (2) 365
 Measurement of arsenic in sectioned hair samples by instrumental neutron activation analysis
- Johansson CG// Address not available.
Monatsschr Brauwissen 1994 **47** (5) 172
 Determination of aluminium in beer by GF-AAS (German, English Abstract)
- Miyahara M, Saito Y// Natl Inst Hyg Sci, Setagaya ku, 1-18-1 Kamiyoga, Tokyo 158, Japan
J Agr Food Chem 1994 **42** (5) 1126
 Determination of bromide ions in food by unsuppressed ion chromatography with ultraviolet detection after microwave digestion in a sealed PTFE vessel
- Pain DJ, Metayer C, Amiard JC// Royal Soc Protect Birds, Lodge, Sandy SG19 2DL, Beds, England
Int J Environ Anal Chem 1993 **53** (1) 29
 Lead determination in avian blood: Application to a study of lead contamination in raptors from France
- Spate VL, Mason MM, Reams CL, Baskett CK, Morris JS, Mills DS// Univ Missouri, Ctr Res Reactor, Columbia, Mo 65211, USA
J Radioanal Nucl Chem Art 1994 **179** (2) 315
 Determination of total, and bound Se in sera by INAA
- Stibilj V, Dermelj M, Byrne AR, Simenc T, Stekar JM// Univ Ljubljana, Jozef Stefan Inst, Dept Nucl Chem, Ljubljana 61001, Slovenia
J Chromatogr A 1994 **668** (2) 449
 Determination of trace amounts of selenium in poultry feedstuffs by gas chromatography
- Sun JX, Zhao H, Wang YQ// Acad Sinica, Inst High Energy Phys, Nucl Anal Tech Lab, POB 2732, Beijing 100080, Peoples Rep China
J Radioanal Nucl Chem Art 1994 **179** (2) 377
 Study on the contents of trace rare elements and their distribution in wheat and rice samples by RNAA
- Tandon L, Ni BF, Ding XX, Ehmann WD, Kasarskis EJ, Markesberry WR// Univ Kentucky, Grad Sch Toxciol, Dept Chem, Lexington, Ky 40506, USA
J Radioanal Nucl Chem Art 1994 **179** (2) 331
 RNAA for arsenic, cadmium, copper, and molybdenum in CNS tissues from subjects with age-related neurodegenerative diseases
- Vasconcellos MBA, Saiki M, Paletti G, Pinheiro RMM, Baruzzi RG, Spindel R// Comissao Nacl Energia Nucl, Inst Pesquisas Energeticas & Nucl, Caixa Postal 11049, Sao Paulo, Brazil
J Radioanal Nucl Chem Art 1994 **179** (2) 369
 Determination of mercury in head hair of Brazilian populational groups by

neutron activation analysis

Vinas P, Campillo N, Gracia IL, Cordoba MH*// *Univ Murcia, Fac Chem, Dept Analyt Chem, E-30071 Murcia, Spain

J AOAC Int 1994 77 (3) 317

Slurry atomization of vegetables for the electrothermal atomic absorption spectrometric analysis of lead and cadmium

8 DRUG, BIOCIDE & PROCESSING RESIDUES

Allen JL, Gofus JE, Meinertz JR// US Fish & Wildlife Serv, Natl Fisheries Res Ctr, POB 818, La Crosse, WI 54602, USA

J AOAC Int 1994 77 (3) 553

Determination of malachite green residues in the eggs, fry, and adult muscle tissue of rainbow trout (*Oncorhynchus mykiss*)

Arenas RV, Johnson NA// Merck & Co Inc, Merck Res Labs, POB 450, Three Bridges, NJ 08887, USA

J AOAC Int 1994 77 (3) 710

Liquid chromatographic fluorescence method for the determination of thiabendazole residues in green bananas and banana pulp

Beltaars PR, Van Dijk R, Brands A// Inspectorate Hlth Protect, Food Inspect Serv, POB 2516, 6201 CA Maastricht, The Netherlands

J AOAC Int 1994 77 (3) 672

Determination of *p*-toluenesulfonamide in ice cream by combination of continuous flow and liquid chromatography: Summary of collaborative study

Boison JOK, Keng LUY// Agr Canada, Food Prod & Inspect Branch, Hlth Anim Lab, Food Anim Chem Residues Sect, 116 Vet Rd, Saskatoon, Saskatchewan, Canada S7N 2R3

J AOAC Int 1994 77 (3) 558

Determination of sulfamethazine in bovine and porcine tissues by reversed-phase liquid chromatography

Boison JOK, Keng LUY, MacNeil JD// Agr Canada, Food Prod & Inspect Branch, Hlth Anim Lab, Food Anim Chem Residues Sect, 116 Vet Rd, Saskatoon, Saskatchewan, Canada S7N 2R3

J AOAC Int 1994 77 (3) 565

Analysis of penicillin-G in milk by liquid chromatography

Cullor JS// Univ Calif Davis, Sch Vet Med, Dept Pathol Microbiol & Immunol, Dairy Food Safety Lab, Davis, CA 95616, USA

Vet Med-US 1994 89 (5) 462

Testing the tests intended to detect antibiotic residues in milk

Epstein RL, Henry C, Holland KP, Dreas J// US Agr Mkt Serv, Div Sci, POB 96456, Washington, DC 20090, USA

J AOAC Int 1994 77 (3) 570

International validation study for the determination of chloramphenicol in bovine muscle

Ericson JF, Calcagni A, Lynch MJ// Pfizer Inc, Div Cent Res, Dept Drug Metab, Groton, CT 06340, USA

J AOAC Int 1994 77 (3) 577

Determination of semduramicin sodium in poultry liver by liquid chromatography with vanillin postcolumn derivatization

Gerhardt GC, Salisburg CDC, MacNeil JD// Agr Canada, Hlth Anim Lab, 116 Vet Rd, Saskatoon, Saskatchewan, Canada S7N 2R3

J AOAC Int 1994 77 (3) 765

Analysis of streptomycin and dihydrostreptomycin in milk by liquid chromatography

Guinivan RA, Gagnon MR// Du Pont Co Inc, Agr Prod, Exptl Stn, Wilmington, DE 19880, USA

J AOAC Int 1994 77 (3) 728

Analysis of flusilazole and its major phenyl metabolite (IN-F7321) by approaches based on gas chromatography

Kumar L, Toothill JR, Ho KB// Australian Govt Analyt Labs, Dept Administrat Serv, POB 83, Gottesloe, WA 6011, Australia

J AOAC Int 1994 77 (3) 591

Determination of nitrofuran residues in poultry muscle tissues and eggs by liquid chromatography

Kume T, Ishii T, Matsuda T// Japan Atom Energy Res Inst, Takasaki Radiat Chem Res Estab, Takasaki, Gunma 37012, Japan

J Sci Food Agr 1994 65 (1) 1

Immunochemical identification of irradiated chicken eggs

Leyssens L, Royackers E, Gielen B, Missotten M, Schoofs J, Czech J, Noben JP, Hendriks L, Raus J// Dr L Willems Inst, Univ Campus, Bldg C, B-3590 Diepenbeek, Belgium

J Chromatogr B-Bio Med Appl 1994 654 (1) 43

Metabolites of 4-chlorotestosterone acetate in cattle urine as diagnostic markers for its illegal use

Ling YC, Chang MY, Huang IP// Natl Tsing Hua Univ, Dept Chem, Hsinchu 30043, Taiwan

J Chromatogr A 1994 669 (1-2) 119

Matrix solid-phase dispersion extraction and gas chromatographic screening of polychlorinated biphenyls in fish

Munns RK, Holland DC, Roybal JE, Storey JM, Long AR, Stehly GR, Plakas SM// US FDA, Anim Drugs Res Ctr, POB 25087, Denver Fed Ctr, Denver, CO 80225, USA

J AOAC Int 1994 77 (3) 596

Gas chromatographic determination of chloramphenicol residues in shrimp: Interlaboratory study

Pang GF, Fan CL, Chao YZ, Zhao TS// Import & Export Commd Inspect Bur, Qin Huangdao 0660002, Peoples Rep China

J AOAC Int 1994 77 (3) 738

Packed-column gas chromatographic method for the simultaneous determination of 10 pyrethroid insecticide residues in fruits, vegetables, and grains

Samuelson OB// Univ Bergen, Dept Biol Clin, Div Pharmacol, Armauer Hansem Hus, N-5021 Bergen, Norway

J Chromatogr B-Bio Med Appl 1994 655 (2) 311

High-performance liquid chromatographic determination of oxolinic acid residues in fish silage

Sanchez-Brunete C, Garcia-Valcarcel AI, Tadeo JL*// *Inst Nacl Invest Agr, CIT, Dept Plant Protect, Apdo 8111, E-28080 Madrid, Spain

Chromatographia 1994 38 (9-10) 624

Determination of bromoxynil and ioxynil residues in cereals and soil by GC-ITD

Sokol J, Matisova E*// *Slovak Tech Univ, Fac Chem Technol, Dept Analyt Chem, Radlinskeho 9, Bratislava 81237, Slovak Rep

J Chromatogr A 1994 669 (1-2) 75

Determination of tetracycline antibiotics in animal tissues of food-producing animals by high-performance liquid chromatography using solid-phase extraction

Stevenson MH// Dept Agr, Div Food & Agr Chem Res, Belfast, Northern Ireland

Food Technol 1994 48 (5) 141

Identification of irradiated foods

Thompson DW// US FDA, SE Reg Lab, 60 8th St, Atlanta, GA 30309, USA

J AOAC Int 1994 77 (3) 647

Determination of volatile organic contaminants in bulk oils (edible, injectable, and other internal medicinal) by purge-and-trap gas chromatography-mass spectrometry

9 TOXINS

Bartolome B, Bengoechea ML, Perez-Ilzarbe FJ, Hernandez T, Estrella I, Gomez-Cordoves C// CSIG, Inst Fermentac Ind, C/Juan Cierva 3, E-28006 Madrid, Spain

J Chromatogr A 1994 664 (1) 39

Determination of patulin in apple juice by high-performance liquid chromatography with diode-array detection

Dhoot JS, Del Rosario AR, Appel BR, Tamplin BR// Calif Dept Hlth Serv, Div Lab, Sanitat & Radiat Lab, 2151 Berkeley Way, Rm 465, Berkeley, CA 94704, USA

Int J Environ Anal Chem 1993 53 (4) 261

An improved HPLC procedure for domoic acid analysis in seafood

Dhoot JS, Appel BR, Del Rosario AR// Calif Dept Hlth Serv, Div Lab, Sanitat & Radiat Lab, 2151 Berkeley Way, Rm 465, Berkeley, CA 94704, USA

Int J Environ Anal Chem 1993 53 (4) 269

Confirmation of domoic acid in seafood using reverse phase liquid chromatography with ninhydrin post-column derivatization

Fernandez C, Stack ME, Musser SM// US FDA, Div Contaminants Chem, Washington, DC 20204, USA

J AOAC Int 1994 77 (3) 628

Determination of deoxynivalenol in 1991 United-States winter and spring wheat by high-performance thin-layer chromatography

Fouler SG, Trivedi AB, Kitabatake N*// Kyoto Univ, Food Sci Res Inst, Uji, Kyoto 611, Japan

J AOAC Int 1994 77 (3) 631

Detoxification of citrinin and ochratoxin A by hydrogen peroxide

Gelosa M, Buzzetti I// Univ Milan, Ist Microbiol, via Pascal 38, I-20133 Milan, Italy

Ind Aliment 1994 33 (324) 315

Chromatographic techniques for the aflatoxin determination in milk

Kvasnicka F, Price KR, Ng K, Fenwick GR// Inst Chem Technol, Dept Carbohydrate Chem & Toxicol, Technicka 5, CR-16628 Prague, Czech Rep

J Liq Chromatogr 1994 17 (9) 1941

Determination of potato glycoalkaloids using isotachophoresis and comparison with a HPLC method

Mikami T, Horikawa T, Murakami T, Matsumoto T, Yamakawa A, Murayama S, Katagiri S, Shinagawa K, Suzuki M*// *Tohoku Coll Pharmaceut Sci, Dept Microbiol, Aoba ku, 4-4-1 Komatsushima, Sendai, Miyagi 981, Japan

FEMS Microbiol Lett 1994 119 (1-2) 53

An improved method for detecting cytotoxic toxin (emetic toxin) of *Bacillus cereus* and its application to food samples

Park DL, Trucksess MW, Nesheim S, Stack M, Newell R// US FDA, Div Contaminants Chem, Washington, DC 20204, USA

- J AOAC Int* 1994 **77** (3) 637
Solvent-efficient thin-layer chromatographic method for the determination of aflatoxins B₁, B₂, G₁, and G₂ in corn and peanut products: Collaborative study
Truckless MW, Stack ME// US FDA, Div Contaminants Chem, Washington, DC 20204, USA
- J AOAC Int* 1994 **77** (3) 655
Enzyme-linked immunosorbent assay of total aflatoxins B₁, B₂, and G₁ in corn: Follow-up collaborative study
Varjonen E, Savolainen J, Mattila L, Kalimo K// Helsinki Univ Hosp, Dept Dermatol, Meilahdentie 2, SF-00250 Helsinki, Finland
- Clin Experiment Allergy* 1994 **24** (5) 481
IgE-binding components of wheat, rye, barley and oats recognized by immunoblotting analysis with sera from adult atopic dermatitis patients
Whitaker TB, Giesbrecht FG, Wu J, Hagler WM, Dowell FE// Nth Carolina State Univ, Sch Vet Med, USDA ARS, Box 7625, Raleigh, NC 27606, USA
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Predicting the distribution of aflatoxin test results from farmers stock peanuts

10 ADDITIVES

- Bazylak G// Med Univ Lodz, Dept Hyg, Div Human Nutr, Biochromatog Lab, Jaracza 63, PL-90251 Lodz, Poland
- J Chromatogr A* 1994 **668** (2) 519
Reversed-phase high-performance liquid chromatography of the stereoisomers of some sweetener peptides with a helical nickel(II) chelate in the mobile phase
Engelen AJ, Van der Heeft FC, Randsdorp PHG, Smit ELC// Gist-brocades bv, Intracompany Serv Lab, POB 1, 2600 MA Delft, The Netherlands
- J AOAC Int* 1994 **77** (3) 760
Simple and rapid determination of phytase activity
Rowe LD, Beier RC*, Elissalde MH, Stanker LH// *USDA ARS, Food Anim Protect Res Lab, Rte 5, Box 810, College Stn, Tx 77845, USA
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Production and characterization of monoclonal antibodies against the poultry coccidiostat halofuginone
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- J Chromatogr A* 1994 **664** (1) 55
Separation of picrocrocin, *cis-trans*-crocins and safranal of saffron using high-performance liquid chromatography with photodiode-array detection

11 FLAVOURS & AROMAS

- Chisholm MG, Guiher LA, Vonah TM, Beaumont JL// Penn State Univ, Behrend Coll, Dept Chem, Erie, Pa 16563, USA
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Comparison of some French-American hybrid wines with white Riesling using gas chromatography olfactometry
- El-Fakir C, Mercier JP, Dreux M// Univ Orleans, Chim Bioorgan & Analyt Lab, CNRS, URA 499, BP 6759, F-45067 Orleans 2, France
- Chromatographia* 1994 **38** (9-10) 585
Retention of some glucosinolates in anion exchange chromatography. II. Qualitative study on a styrene-divinylbenzene copolymeric anion exchanger
- Jensen MT, Jensen BB// Natl Inst Anim Sci, Dept Anim Physiol & Biochem, POB 39, DK-8830 Tjele, Denmark
- J Chromatogr B-Bio Med Appl* 1994 **655** (2) 275
Gas chromatographic determination of indole and 3-methylindole (skatole) in bacterial culture media, intestinal contents and faeces
- Marsili RT, Miller N, Kilmer GJ, Simmons RE// Dean Foods Co, Dept Res, 1126 Kilburn Ave, Rockford, IL 61101, USA
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Identification and quantitation of the primary chemicals responsible for the characteristic malodor of beet sugar by purge and trap GC-MS-OD techniques
- Morales MT, Aparicio R, Rios JJ// CSIC, Inst Grasa & Derivados, Avda Padre Garcia Tejero 4, E-41012 Seville, Spain
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Dynamic headspace gas chromatographic method for determining volatiles in virgin olive oil
- Spanier AM, Boylston TD// USDA ARS, Sthn Reg Res Ctr, 1100 Robert E Lee Blvd, New Orleans, La 70124, USA
- Food Chem* 1994 **50** (3) 251
Effect of temperature on the analysis of beef flavor volatiles: Focus on carbonyl and sulfur-containing compounds
- Tamura H, Watanabe M, Sugisawa H// Kagawa Univ, Dept Bioresource Sci, Miki, Kagawa 76107, Japan
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